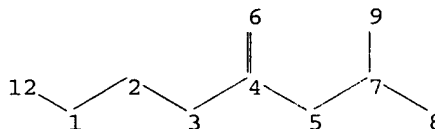
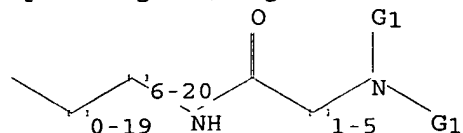


Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10086873.str



chain nodes :
1 2 3 4 5 6 7 8 9 12
chain bonds :
1-2 1-12 2-3 3-4 4-5 4-6 5-7 7-8 7-9
exact/norm bonds :
2-3 3-4 4-6 5-7 7-8 7-9
exact bonds :
1-2 1-12 4-5

G1:C,H

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 11:33:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 25731 TO ITERATE

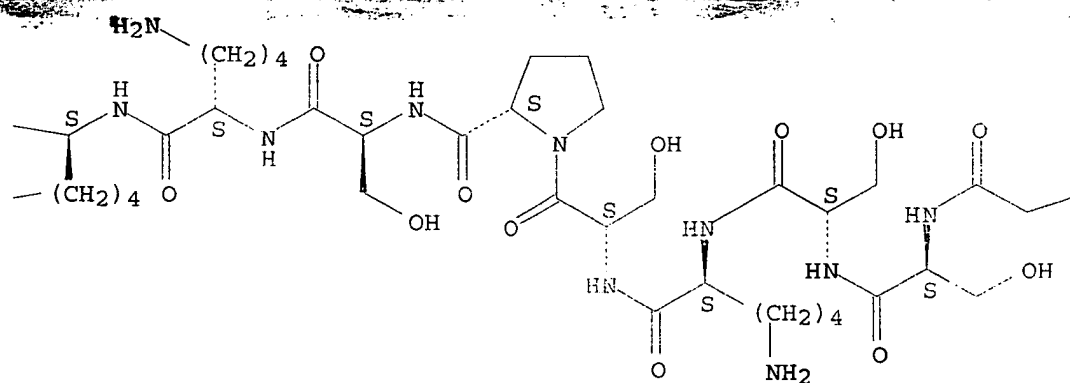
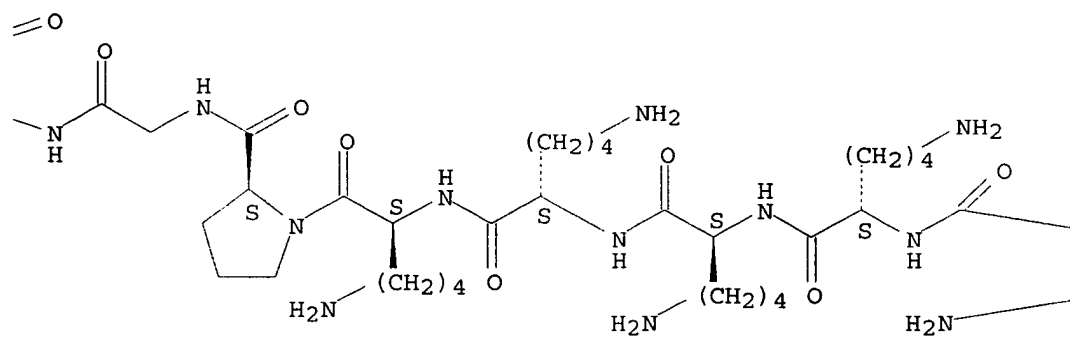
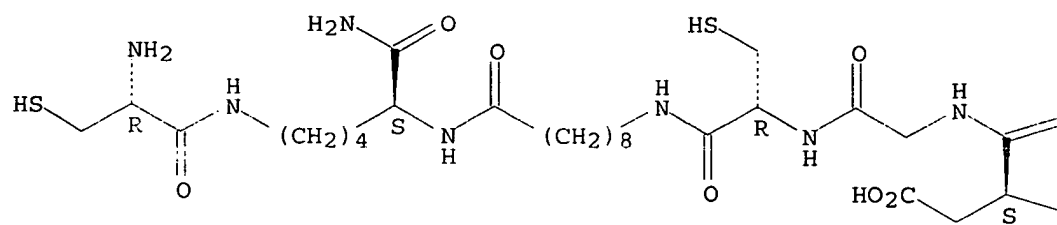
3.9% PROCESSED 1000 ITERATIONS 17 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

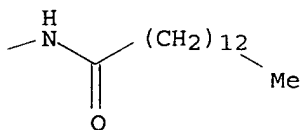
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 505032 TO 524208
PROJECTED ANSWERS: 7494 TO 10002

L2 17 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
RN 587854-45-3 REGISTRY
CN L-Lysinamide, N-(1-oxotetradecyl)glycyl-L-seryl-L-seryl-L-lysyl-L-seryl-L-
prolyl-L-seryl-L-lysyl-L-lysyl-L-lysyl-L-lysyl-L-lysyl-L-lysyl-L-
prolylglycyl-L- α -aspartylglycyl-L-cysteinyl-9-aminononanoyl-N6-L-
cysteinyl- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C109 H200 N30 O28 S2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: PREP (Preparation)
RL.NP Roles from non-patents: PREP (Preparation)





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.61

2.82

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:34:14 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****

SESSION RESUMED IN FILE 'REGISTRY' AT 11:35:57 ON 13 JUL 2004

FILE 'REGISTRY' ENTERED AT 11:35:57 ON 13 JUL 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.61

2.82

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.61

2.82

FILE 'REGISTRY' ENTERED AT 11:36:02 ON 13 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

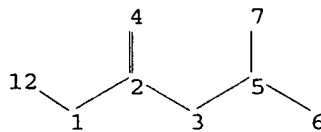
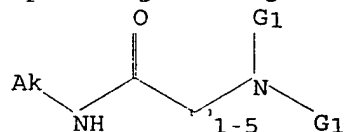
DICTIONARY FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
 Uploading C:\Program Files\Stnexp\Queries\10086873a.str



chain nodes :
 1 2 3 4 5 6 7 12
 chain bonds :
 1-2 1-12 2-3 2-4 3-5 5-6 5-7
 exact/norm bonds :
 1-2 1-12 2-4 3-5 5-6 5-7
 exact bonds :
 2-3

G1:C,H

Match level :
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 12:CLASS

L3 STRUCTURE UPLOADED

=> s l3
 SAMPLE SEARCH INITIATED 11:36:14 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 100534 TO ITERATE
 1000 PROCESSED 1000 ITERATIONS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.02

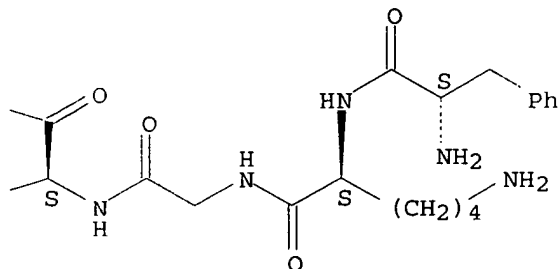
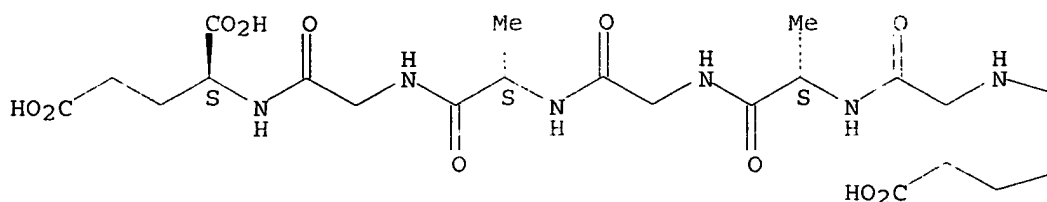
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
 BATCH **INCOMPLETE**
 PROJECTED ITERATIONS: EXCEEDS 1000000
 PROJECTED ANSWERS: EXCEEDS 1000000

L4 50 SEA SSS SAM L3

=> d scan

L4 50 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN L-Glutamic acid, L-phenylalanyl-L-lysylglycyl-L-α-glutamylglycyl-L-
 alanylglycyl-L-alanylglycyl- (9CI)
 SQL 10
 MF C39 H59 N11 O15

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

3.24

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:36:34 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****

SESSION RESUMED IN FILE 'REGISTRY' AT 11:45:31 ON 13 JUL 2004

FILE 'REGISTRY' ENTERED AT 11:45:31 ON 13 JUL 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

3.24

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

3.24

FILE 'REGISTRY' ENTERED AT 11:45:39 ON 13 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7
DICTIONARY FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 11:33:10 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 11:33:16 ON 13 JUL 2004

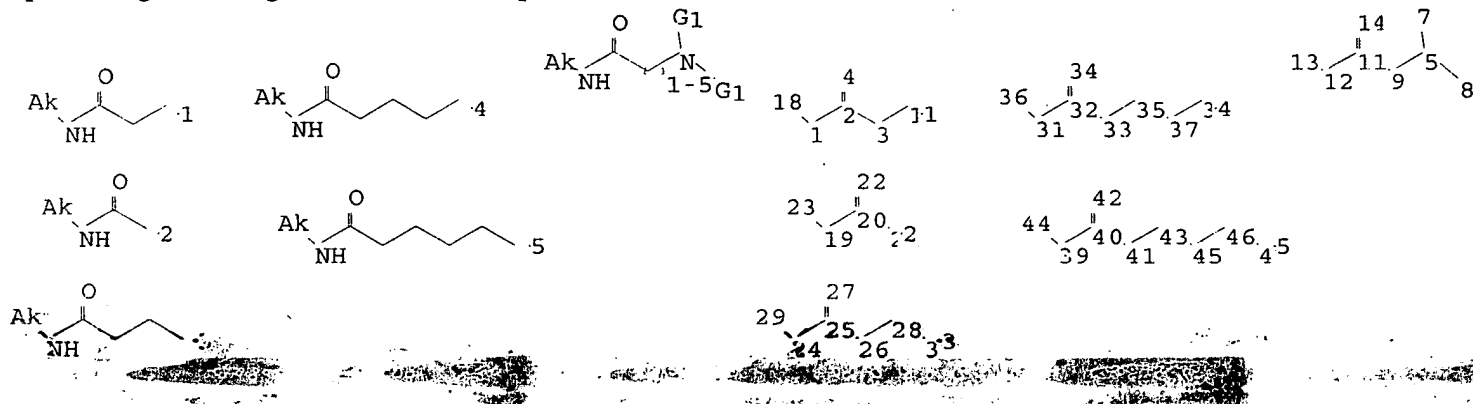
L1 STRUCTURE UPLOADED
L2 17 S L1

FILE 'REGISTRY' ENTERED AT 11:36:02 ON 13 JUL 2004

L3 STRUCTURE UPLOADED
L4 50 S L3

FILE 'REGISTRY' ENTERED AT 11:45:39 ON 13 JUL 2004

=>
Uploading C:\Program Files\Stnexp\Queries\10086873b.str



chain nodes :

1 2 3 4 5 7 8 9 11 12 13 14 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

chain bonds :

1-2 1-18 2-3 2-4 3-17 5-7 5-8 5-9 9-11 11-12 11-14 12-13 19-20 19-23 20-21
20-22 24-25 24-29 25-26 25-27 26-28 28-30 31-32 31-36 32-33 32-34 33-35 35-37
37-38 39-40 39-44 40-41 40-42 41-43 43-45 45-46 46-47

exact/norm bonds :

1-2 1-18 2-4 5-7 5-8 5-9 11-12 11-14 12-13 19-20 19-23 20-22 24-25 24-29 25-27
31-32 31-36 32-34 39-40 39-44 40-42

exact bonds :

2-3 3-17 9-11 20-21 25-26 26-28 28-30 32-33 33-35 35-37 37-38 40-41 41-43 43-45
45-46 46-47

G1:H,Cb,Ak, [*1], [*2], [*3], [*4], [*5]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS 11:CLASS 12:CLASS
13:CLASS 14:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS
33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS
42:CLASS 43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS

L5 STRUCTURE UPLOADED

=> s l5

SAMPLE SEARCH INITIATED 11:46:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 100534 TO ITERATE

1.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 1000000

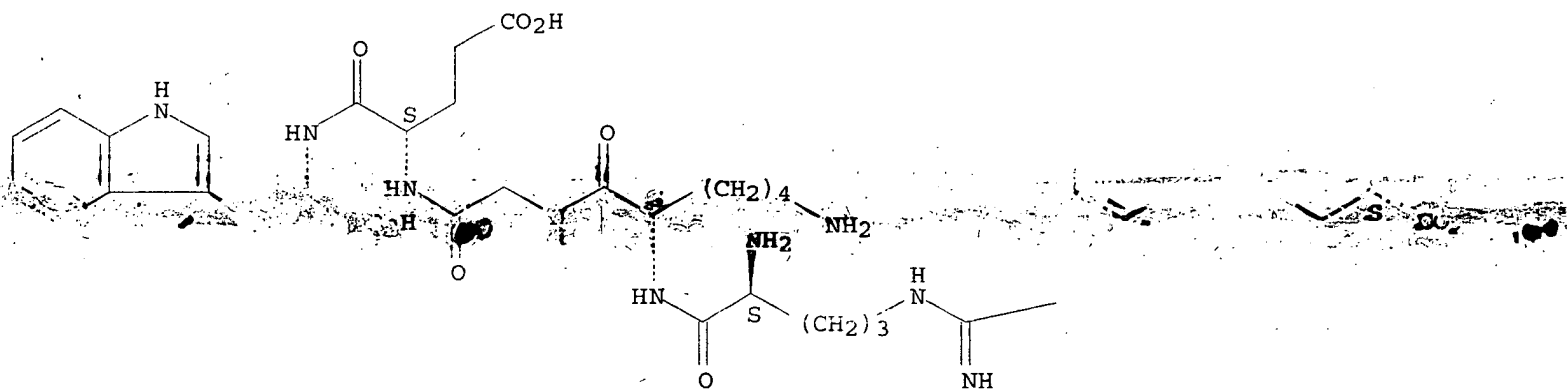
L6 50 SEA SSS SAM L5

=> d scan

L6 50 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN L-Tryptophan, L-arginyl-L-lysylglycyl-L- α -glutamyl- (9CI)
SQL 5
MF C30 H46 N10 O8

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

—NH₂

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	4.08

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:46:43 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 11:49:41 ON 13 JUL 2004
FILE 'REGISTRY' ENTERED AT 11:49:41 ON 13 JUL 2004
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	4.08

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	4.08

FILE 'REGISTRY' ENTERED AT 11:49:48 ON 13 JUL 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7
DICTIONARY FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

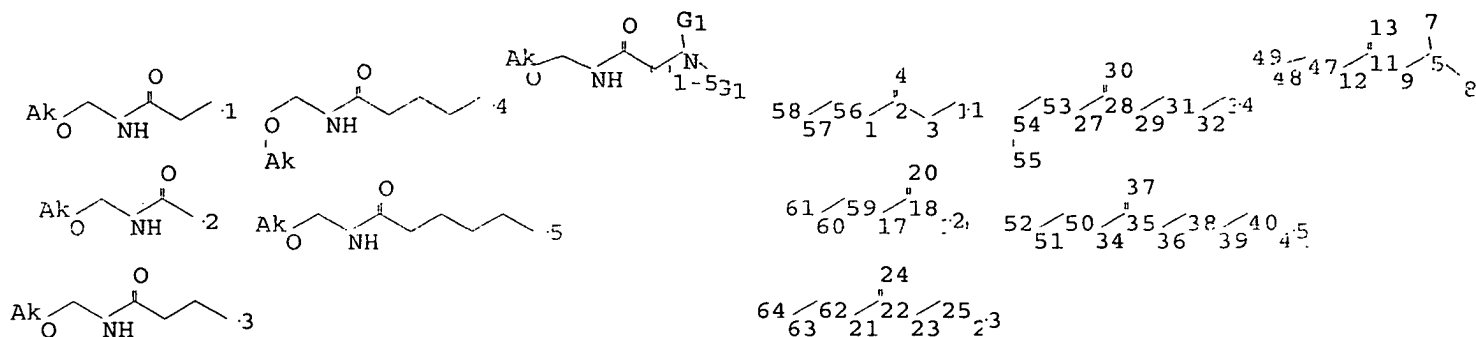
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10086873c.str



chain nodes :

1 2 3 4 5 7 8 9 11 12 13 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31 32 33 34 35 36 37 38 39 40 41 47 48 49 50 51 52 53 54 55 56 57
58 59 60 61 62 63 64

chain bonds :

1-2 1-56 2-3 2-4 3-16 5-7 5-8 5-9 9-11 11-12 11-13 12-47 17-18 17-59 18-19
18-20 21-22 21-62 22-23 22-24 23-25 25-26 27-28 27-53 28-29 28-30 29-31 31-32
32-33 34-35 34-50 35-36 35-37 36-38 38-39 39-40 40-41 47-48 48-49 50-51 51-52
53-54 54-55 56-57 57-58 59-60 60-61 62-63 63-64

exact/norm bonds :

1-2 1-56 2-4 5-7 5-8 5-9 11-12 11-13 12-47 17-18 17-59 18-20 21-22 21-62 22-24
27-28 27-53 28-30 34-35 34-50 35-37 47-48 48-49 50-51 51-52 53-54 54-55 56-57
57-58 59-60 60-61 62-63 63-64

exact bonds :

2-3 3-16 9-11 18-19 22-23 23-25 25-26 28-29 29-31 31-32 32-33 35-36 36-38 38-39
39-40 40-41

G1:H,Cb,Ak, [*1], [*2], [*3], [*4], [*5]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS 11:CLASS 12:CLASS
13:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS
33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS
42:CLASS 43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS
56:CLASS 57:CLASS 58:CLASS 59:CLASS 60:CLASS 61:CLASS 62:CLASS 63:CLASS 64:CLASS

L7 STRUCTURE UPLOADED

=> s 17

SAMPLE SEARCH INITIATED 11:50:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1211 TO ITERATE

82.6% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

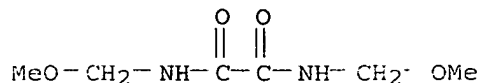
44 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 22133 TO 26307
PROJECTED ANSWERS: 628 TO 1502

L6 44 SEA SSS SAM L7

=> d scan

L8 44 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Oxamide, N,N'-bis(methoxymethyl)- (7CI)
 MF C6 H12 N2 O4

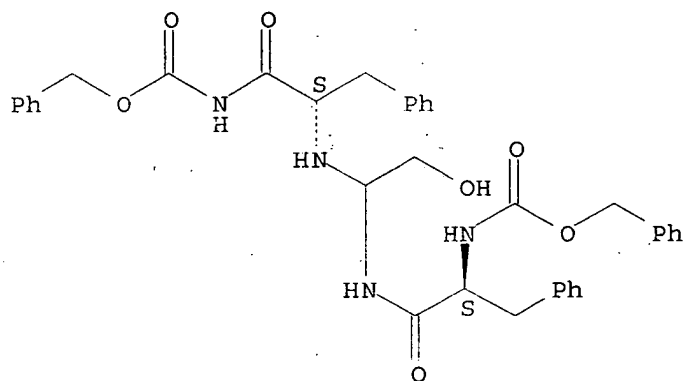


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L8 44 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN 2,5,7,10-Tetraazaundecanedioic acid, 6-(hydroxymethyl)-3,8-dioxo-4,9-bis(phenylmethyl)-, bis(phenylmethyl) ester, (4S,9S)-[partial]- (9CI)
 MF C36 H38 N4 O7

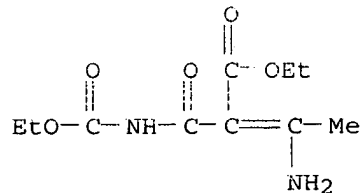
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L8 44 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Malonamic acid, 2-(1-aminoethylidene)-N-carboxy-, diethyl ester (8CI)
 MF C10 H16 N2 O5

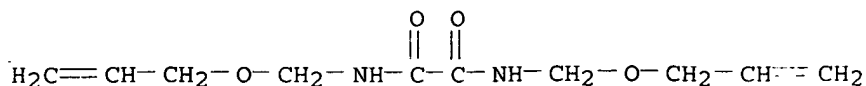


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L8 44 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Oxamide, N,N'-bis[(allyloxy)methyl]- (7CI)
MF C10 H16 N2 O4

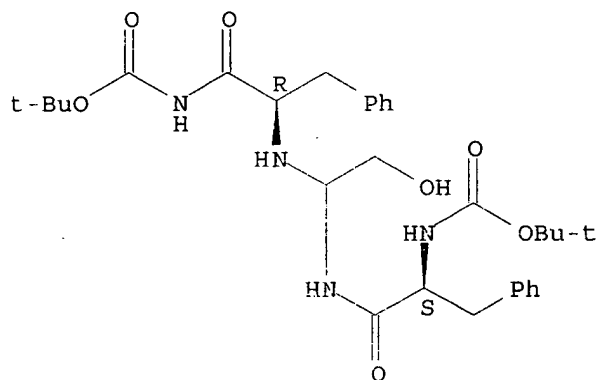


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L8 44 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 2,5,7,10-Tetraazaundecanedioic acid, 6-(hydroxymethyl)-3,8-dioxo-4,9-
bis(phenylmethyl)-, bis(1,1-dimethylethyl) ester, (4R,9S)-[partial]- (9CI)
MF C30 H42 N4 O7

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

==>log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY 1.26

SESSION 5.34

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:51:40 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1617gmm

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****

SESSION RESUMED IN FILE 'REGISTRY' AT 11:54:17 ON 13 JUL 2004

FILE 'REGISTRY' ENTERED AT 11:54:17 ON 13 JUL 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY 1.26

SESSION 5.34

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.26

5.34

FILE 'REGISTRY' ENTERED AT 11:54:21 ON 13 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

DICTIONARY FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

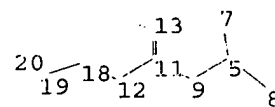
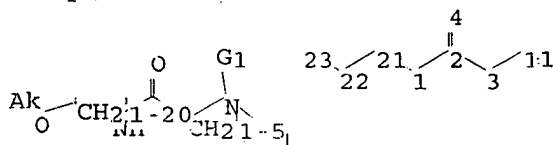
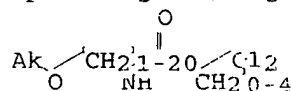
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10086873d.str



chain nodes :

1 2 3 4 5 7 8 9 11 12 13 16 18 19 20 21 22 23

chain bonds :

1-2 1-21 2-3 2-4 3-16 5-7 5-8 5-9 9-11 11-12 11-13 12-18 18-19 19-20 21-22 22-23

exact/norm bonds :

1-2 1-21 2-3 2-4 3-16 5-7 5-8 5-9 9-11 11-12 11-13 12-18 18-19 19-20 21-22 22-23

exact bonds :

1-21 2-3 3-16 5-9 9-11 12-18 18-19 21-22

G1:H,Cb,Ak, [*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS 11:CLASS 12:CLASS 13:CLASS 16:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

1.9 STRUCTURE UPLOADED

=> s 19

SAMPLE SEARCH INITIATED 11:54:54 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 69916 TO ITERATE

1.4% PROCESSED 1000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 897

L10 1 SEA SSS SAM L9

=> d scan

L10 1 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

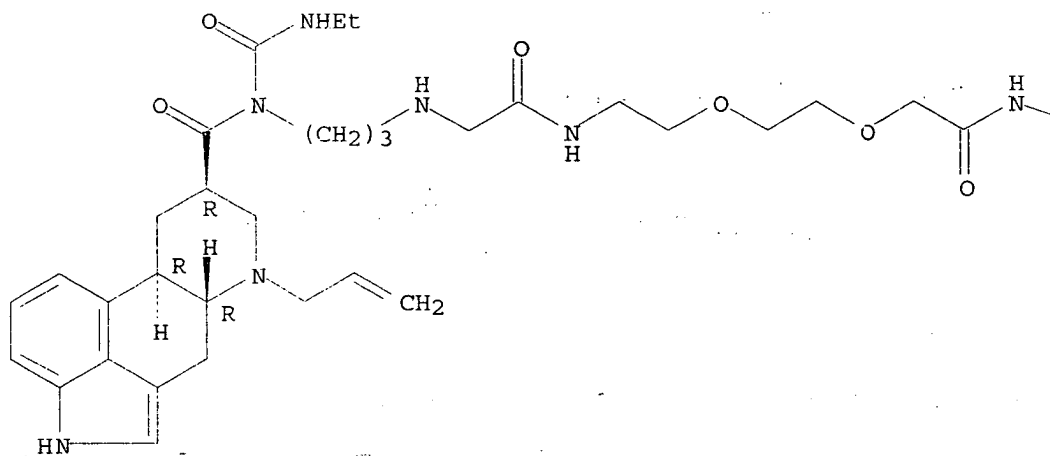
IN L-Threoninamide, N-[3-[[[(ethylamino)carbonyl][[(8 β)-6-(2-propenyl)ergolin-8-yl]carbonyl]amino]propyl]glycyl[2-(2-aminoethoxy)ethoxy]acetyl[2-(2-aminoethoxy)ethoxy]acetyl-D-phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-(2S)-2-aminobutanoyl-L-cysteinyl-, cyclic (5-10)-disulfide (9CI)

SQL 11

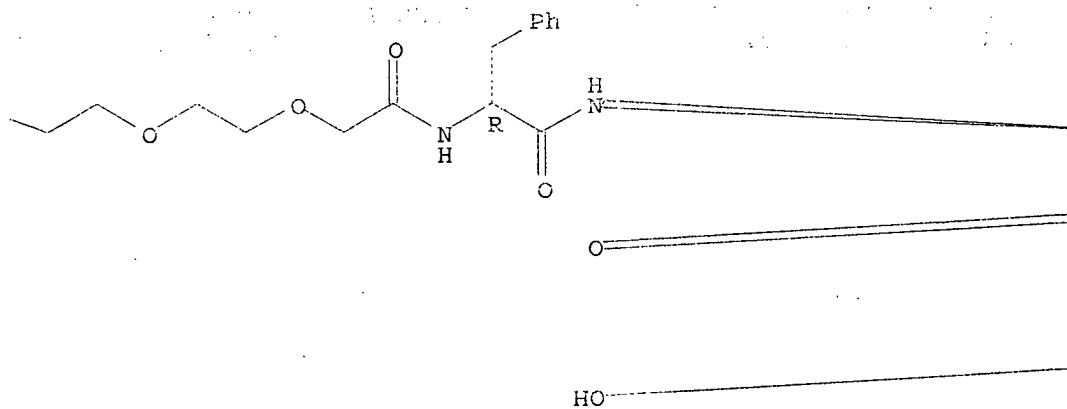
MF C87 H120 N18 O19 S2

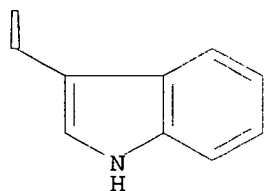
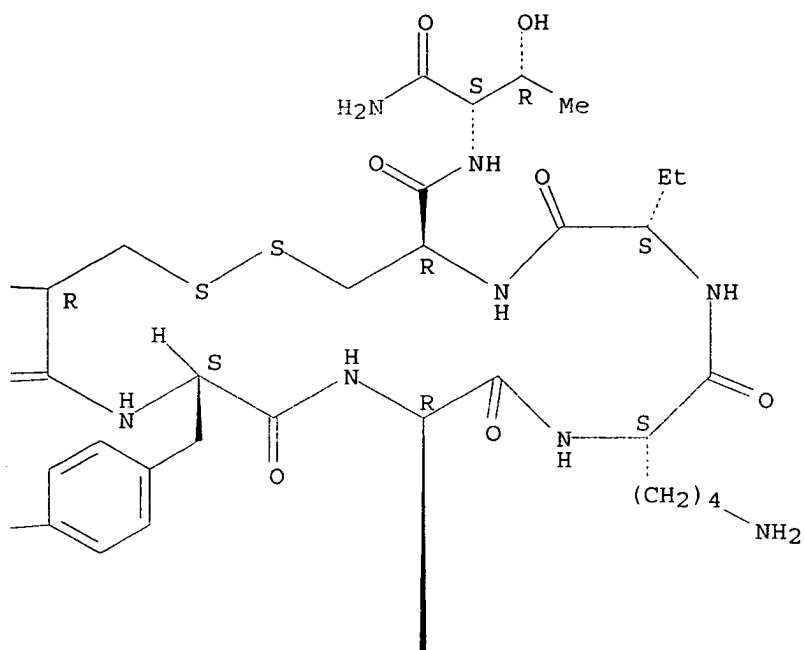
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ANSWERS HAVE BEEN SCANNED

=> log h

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

1.26

TOTAL

SESSION

6.60

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:56:01 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****

SESSION RESUMED IN FILE 'REGISTRY' AT 12:40:57 ON 13 JUL 2004

FILE 'REGISTRY' ENTERED AT 12:40:57 ON 13 JUL 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

1.26

6.60

=> d his

(FILE 'HOME' ENTERED AT 11:33:10 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 11:33:16 ON 13 JUL 2004

L1 STRUCTURE UPLOADED

L2 17 S L1

FILE 'REGISTRY' ENTERED AT 11:36:02 ON 13 JUL 2004

L3 STRUCTURE UPLOADED

L4 50 S L3

FILE 'REGISTRY' ENTERED AT 11:45:39 ON 13 JUL 2004

L5 STRUCTURE UPLOADED

L6 50 S L5

FILE 'REGISTRY' ENTERED AT 11:49:48 ON 13 JUL 2004

L7 STRUCTURE UPLOADED

L8 44 S L7

FILE 'REGISTRY' ENTERED AT 11:54:21 ON 13 JUL 2004

L9 STRUCTURE UPLOADED

L10 1 S L9

=> s 19 full

FULL SEARCH INITIATED 12:41:10 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 20.2% PROCESSED 282223 ITERATIONS

440 ANSWERS

< 24.8% PROCESSED 345249 ITERATIONS

494 ANSWERS

< 28.7% PROCESSED 400000 ITERATIONS

519 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.48

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000

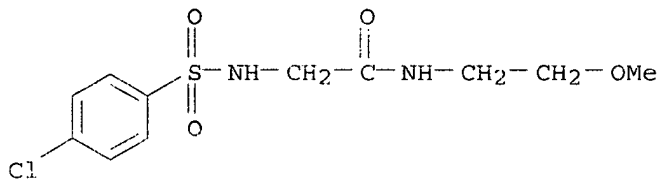
PROJECTED ANSWERS: EXCEEDS 1682

=> d scan

L11 519 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Acetamide, 2-[[[4-chlorophenyl)sulfonyl]amino]-N-(2-methoxyethyl)- (9CI)

MF C11 H15 Cl N2 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> log h
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
157.52	162.86

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:42:43 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 12:44:11 ON 13 JUL 2004
FILE 'REGISTRY' ENTERED AT 12:44:11 ON 13 JUL 2004
COPYRIGHT (C) 2004 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	157.52	162.86

=> d his

(FILE 'HOME' ENTERED AT 11:33:10 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 11:33:16 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 17 S L1

FILE 'REGISTRY' ENTERED AT 11:36:02 ON 13 JUL 2004

L3 STRUCTURE UPLOADED
L4 50 S L3

FILE 'REGISTRY' ENTERED AT 11:45:39 ON 13 JUL 2004

L5 STRUCTURE UPLOADED
L6 50 S L5

FILE 'REGISTRY' ENTERED AT 11:49:48 ON 13 JUL 2004

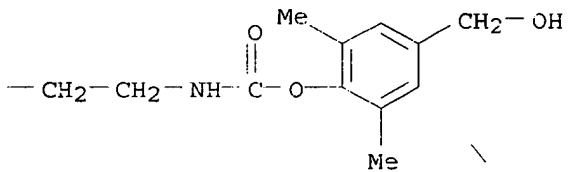
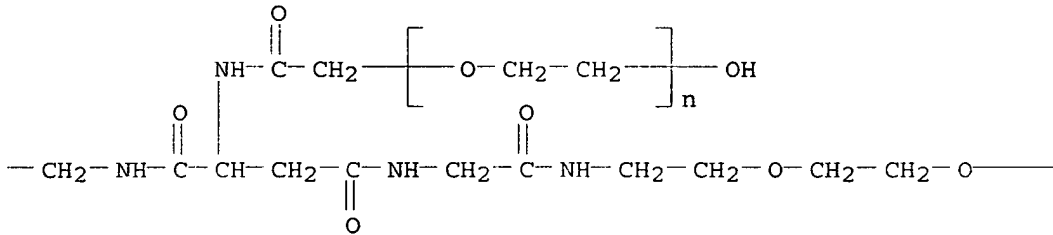
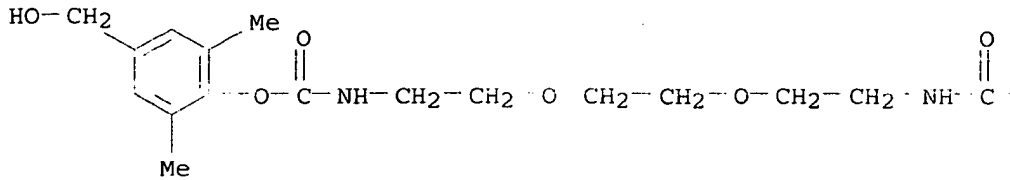
L7 STRUCTURE UPLOADED

FILE 'REGISTRY' ENTERED AT 11:54:21 ON 13 JUL 2004

L9 STRUCTURE UPLOADED
L10 1 S L9
L11 519 S L9 FULL

=> d scan

L11 519 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, monoether with
hydroxyacetyl-L-aspartoylbis[N-[2-[2-[2-[[4-(hydroxymethyl)-2,6-
dimethylphenoxy]carbonyl]amino]ethoxy]ethoxy]ethyl]glycinamide] (9CI)
MF (C2 H4 O)n C42 H63 N7 O16
CI PMS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

157.94

163.28

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:44:39 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 12:47:20 ON 13 JUL 2004

FILE 'REGISTRY' ENTERED AT 12:47:20 ON 13 JUL 2004

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

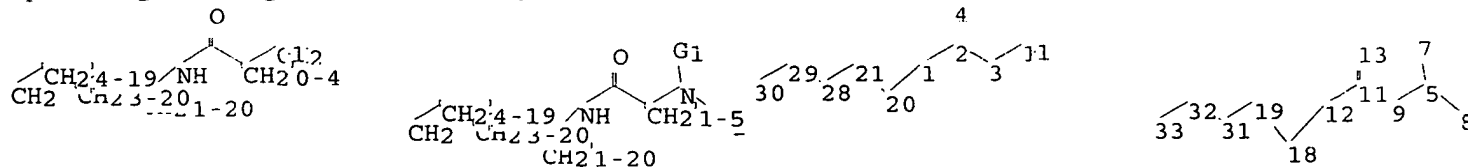
FULL ESTIMATED COST

157.94

163.28

=>

Uploading C:\Program Files\Stnexp\Queries\10086873e.str



chain nodes :

1 2 3 4 5 7 8 9 11 12 13 16 18 19 20 21 28 29 30 31 32 33

chain bonds :

1-2 1-20 2-3 2-4 3-16 5-7 5-8 5-9 9-11 11-12 11-13 12-18 18-19 19-31 20-21

21-28 28-29 29-30 31-32 32-33

exact/norm bonds :

1-2 2-4 5-7 5-8 11-12 11-13

exact bonds :

1-20 2-3 3-16 5-9 9-11 12-18 18-19 19-31 20-21 21-28 28-29 29-30 31-32 32-33

G1:H,Ak,Cy, [*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS 11:CLASS 12:CLASS

13:CLASS 16:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 28:CLASS 29:CLASS 30:CLASS

31:CLASS 32:CLASS 33:CLASS

L12 STRUCTURE UPLOADED

=> s l12

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete
 attributes or atoms to reduce the size of the structure
 and try again.

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

158.36

163.70

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:47:54 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 13:11:25 ON 13 JUL 2004

FILE 'REGISTRY' ENTERED AT 13:11:25 ON 13 JUL 2004

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

158.36

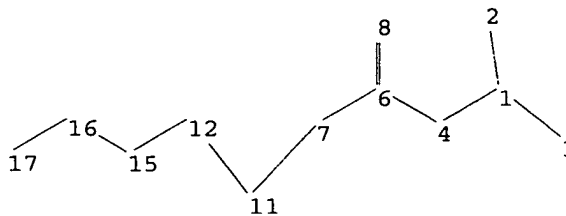
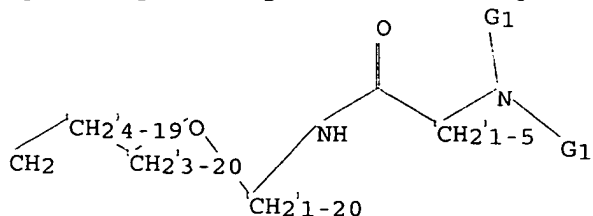
TOTAL

SESSION

163.70

=>

Uploading C:\Program Files\Stnexp\Queries\10086873f.str



chain nodes :

1 2 3 4 6 7 8 11 12 15 16 17

chain bonds :

1-2 1-3 1-4 4-6 6-7 6-8 7-11 11-12 12-15 15-16 16-17

exact/norm bonds :

1-2 1-3 6-7 6-8

exact bonds :

1-4 4-6 7-11 11-12 12-15 15-16 16-17

G1:CH3,Et,n-Pr,i-Pr

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 11:CLASS 12:CLASS 15:CLASS

16:CLASS 17:CLASS

L13 STRUCTURE UPLOADED

=> s l13

SAMPLE SEARCH INITIATED 13:11:50 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 50081 TO ITERATE

2.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

PROJECTED ITERATIONS: 988292 TO 1014948

PROJECTED ANSWERS: 0 TO 0

L14 0 SEA SSS SAM L13

=> s l13 full

FULL SEARCH INITIATED 13:11:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 998686 TO ITERATE

35.6% PROCESSED 355631 ITERATIONS
40.1% PROCESSED 400000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.27

7 ANSWERS

7 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

BATCH **INCOMPLETE**

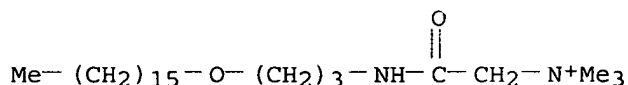
PROJECTED ITERATIONS: 998686 TO 998686

PROJECTED ANSWERS: 7 TO 29

L15 7 SEA SSS FUL L13

=> d scan

L15 7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Ethanaminium, 2-[[3-(hexadecyloxy)propyl]amino]-N,N,N-trimethyl-2-oxo-,
chloride (9CI)
MF C24 H51 N2 O2 . Cl

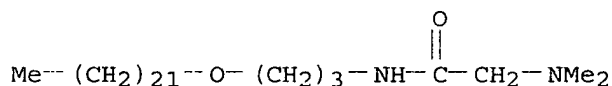


● Cl⁻

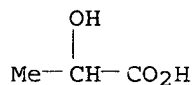
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L15 7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(docosyloxy)propyl]acetamide (1:1) (9CI)
MF C29 H60 N2 O2 . C3 H6 O3

CM 1

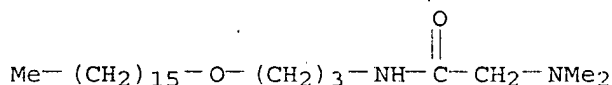


CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
Acetamide, 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]- (9CI)
MF C23 H48 N2 O2
CI COM

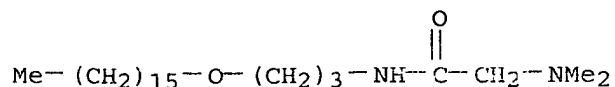


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

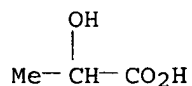
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L15 7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]acetamide (1:1) (9CI)
MF C23 H48 N2 O2 . C3 H6 O3

CM 1

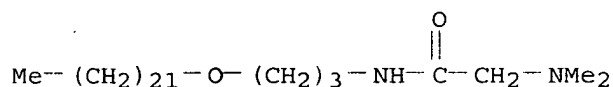


CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L15 7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Acetamide, 2-(dimethylamino)-N-[3-(docosyloxy)propyl]- (9CI)
 MF C29 H60 N2 O2
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L15 7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Ethanaminium, 2-[[3-(docosyloxy)propyl]amino]-N,N,N-trimethyl-2-oxo-,
 chloride (9CI)
 MF C30 H63 N2 O2 . Cl

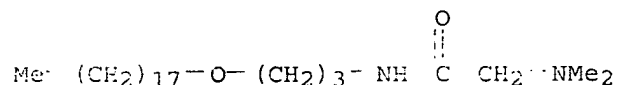


Cl⁻

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L15 7 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
 IN Acetamide, 2-(dimethylamino)-N-[3-(octadecyloxy)propyl]- (9CI)
 MF C25 H52 N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

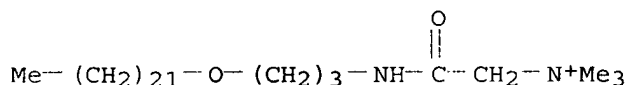
=> 1

1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d 1-7

L15 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457066-08-9 REGISTRY
CN Ethanaminium, 2-[[3-(docosyloxy)propyl]amino]-N,N,N-trimethyl-2-oxo-,
chloride (9CI) (CA INDEX NAME)
MF C30 H63 N2 O2 . Cl
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)



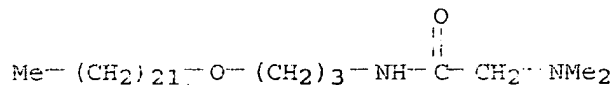
● Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L15 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457066-06-7 REGISTRY
CN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(docosyloxy)propyl]acetamide (1:1) (9CI) (CA INDEX NAME)
MF C29 H60 N2 O2 . C3 H6 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)

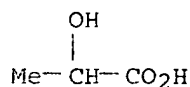
CM 1

CRN 457066-05-6
CMF C29 H60 N2 O2



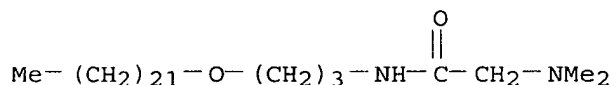
CM 2

CRN 50-21-5
CMF C3 H6 O3



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

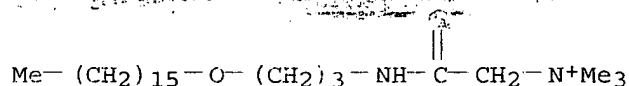
L15 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457066-05-6 REGISTRY
CN Acetamide, 2-(dimethylamino)-N-[3-(docosyloxy)propyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H60 N2 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L15 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457066-04-5 REGISTRY
CN Ethanaminium, 2-[[3-(hexadecyloxy)propyl]amino]-N,N,N-trimethyl-2-oxo-, chloride (9CI) (CA INDEX NAME)
MF C24 H51 N2 O2 . Cl
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



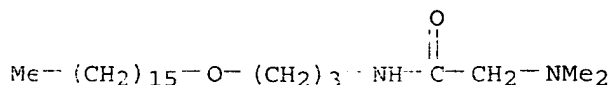
⊕ Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L15 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457066-03-4 REGISTRY
CN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]acetamide (1:1) (9CI) (CA INDEX NAME)
MF C23 H48 N2 O2 . C3 H6 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

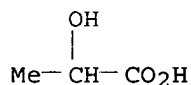
CM 1

CRN 457065-82-6
CMF C23 H48 N2 O2



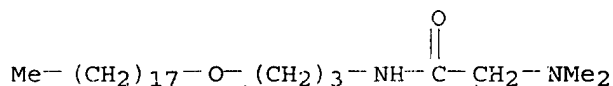
CM 2

CRN 50-21-5
CMF C3 H6 O3



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

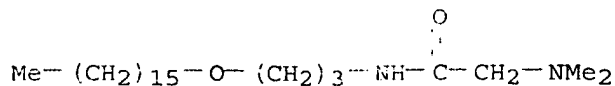
L15 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457065-85-9 REGISTRY
CN Acetamide, 2-(dimethylamino)-N-[3-(octadecyloxy)propyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H52 N2 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



~~PROPERTY DATA AVAILABLE IN THE PROP. FORMAT~~

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L15 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 457065-82-6 REGISTRY
CN Acetamide, 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H48 N2 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l15 7
MISSING OPERATOR

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	328.69	334.03

FILE 'CAPLUS' ENTERED AT 13:15:41 ON 13 JUL 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 13 Jul 2004 VOL 141 ISS 3
FILE LAST UPDATED: 12 Jul 2004 (20040712/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 457065-82-6.cn.
2 457065-82-6
125020 CN
L16 0 457065-82-6.CN.
(457065-82-6 (W) CN)

=> s 457065-82-6.rn.
2 457065-82-6
424 RN
457065-82-6.RN.
(457065-82-6 (W) RN)

=> s 457065-82-6
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L19 2 L18

=> d 1-2

L19 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:826817 CAPLUS
DN 139:327941
TI Hair conditioners containing amines, acids, alcohols, and oils
IN Kawara, Takeshi; Inoe, Katsuhisa; Kato, Toru
PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003300837	A2	20031021	JP 2002-103673	20020405
PRAI	JP 2002-103673		20020405		
OS	MARPAT 139:327941				

L19 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:693157 CAPLUS

DN 137:237386

TI Hair cosmetics containing aminocarboxylic amides

IN Inoue, Katsuhisa; Kaharu, Takeshi; Katoh, Tohru

PA Kao Corporation, Japan

SO Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1238966	A2	20020911	EP 2002-4373	20020305
	EP 1238966	A3	20030108		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002332219	A2	20021122	JP 2001-368155	20011203
	JP 2003171358	A2	20030620	JP 2001-368156	20011203
	JP 2003171355	A2	20030620	JP 2001-374556	20011207
	US 2003035784	A1	20030220	US 2002-86873	20020304
	CN 1374076	A	20021016	CN 2002-106666	20020305
PRAI	JP 2001-60559	A	20010305		
	JP 2001-368155	A	20011203		
	JP 2001-368156	A	20011203		
	JP 2001-374556	A	20011207		
OS	MARPAT 137:237386				

=> s 457066-06-7 or 457066-05-6 or 457066-03-4 or 457065-85-9 or 457065-82-6

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L21 2 L20

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L23 2 L22

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L25 1 L24

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L27 1 L26

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L29 1 L28

L30 2 L29 OR L27 OR L25 OR L23 OR L21

=> d 1-2

L30 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:826817 CAPLUS

DN 139:327941

TI Hair conditioners containing amines, acids, alcohols, and oils

IN Kawara, Takeshi; Inoe, Katsuhisa; Kato, Toru

PA Kao Corp., Japan

SO Eur. Pat. Appl., 36 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003300837	A2	20031021	JP 2002-103673	20020405
PRAI	JP 2002-103673		20020405		
OS	MARPAT 139:327941				

L30 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:693157 CAPLUS

DN 137:237386

TI Hair cosmetics containing aminocarboxylic amides

IN Inoue, Katsuhisa; Kaharu, Takeshi; Katoh, Tohru

PA Kao Corporation, Japan

SO Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	EP 1238966	A2	20020911	EP 2002-4373	20020305
	EP 1238966	A3	20030108		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002332219	A2	20021122	JP 2001-368155	20011203
	JP 2003171358	A2	20030620	JP 2001-368156	20011203
	JP 2003171355	A2	20030620	JP 2001-374556	20011207
	US 2003035784	A1	20030220	US 2002-86873	20020304
	CN 1374076	A	20021016	CN 2002-106666	20020305
PRAI	JP 2001-60559	A	20010305		
	JP 2001-368155	A	20011203		
	JP 2001-368156	A	20011203		
	JP 2001-374556	A	20011207		
OS	MARPAT 137:237386				

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.70	365.62

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:20:43 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	"Ask CAS" for self-help around the clock
NEWS 3 May 12	EXTEND option available in structure searching
NEWS 4 May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27	New UPM (Update Code Maximum) field for more efficient patent
	SDIs in CAPlus
NEWS 6 May 27	Plus super roles and document type searchable in REGISTRY
NEWS 7 Jun 12	IN Patent Forums to be held July 18-22, 2004
NEWS 8 Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 9 Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 10 Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

DICTIONARY FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

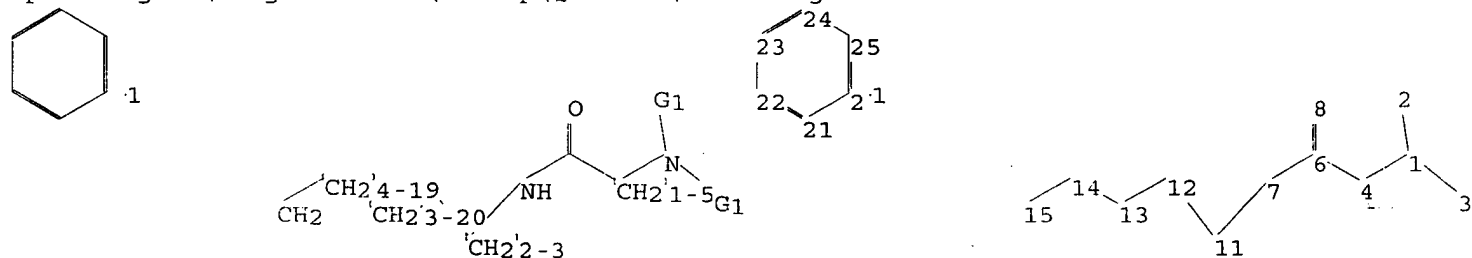
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10086873g.str



chain nodes :

1 2 3 4 6 7 8 11 12 13 14 15

ring nodes :

21 22 23 24 25 26

chain bonds :

1-2 1-3 1-4 4-6 6-7 6-8 7-11 11-12 12-13 13-14 14-15

ring bonds :

21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

1-2 1-3 6-7 6-8

exact bonds :

1-4 4-6 7-11 11-12 12-13 13-14 14-15

normalized bonds :

21-22 21-26 22-23 23-24 24-25 25-26

G1:CH3,Et,n-Pr,i-Pr,[*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 11:CLASS 12:CLASS 13:CLASS

14:CLASS 15:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 15:14:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 46790 TO ITERATE

2.1% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 922911 TO 948689
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:14:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 933177 TO ITERATE

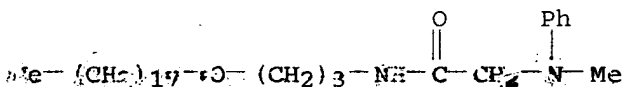
42.9% PROCESSED 400000 ITERATIONS 8 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.12

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 933177 TO 933177
PROJECTED ANSWERS: 8 TO 30

L3 8 SEA SSS FUL L1

=> d scan

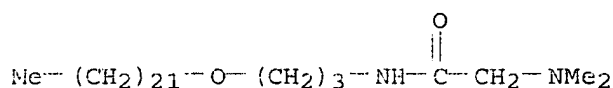
L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Acetamide, 2-(methylphenylamino)-N-[3-(octadecyloxy)propyl]- (9CI)
MF C30 H54 N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

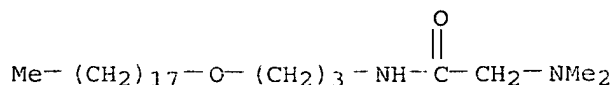
L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Acetamide, 2-(dimethylamino)-N-[3-(docosyloxy)propyl]- (9CI)
MF C29 H60 N2 O2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

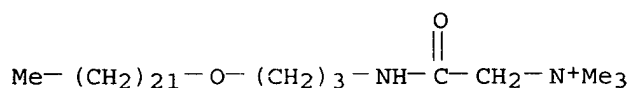
L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Acetamide, 2-(dimethylamino)-N-[3-(octadecyloxy)propyl]- (9CI)
MF C25 H52 N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

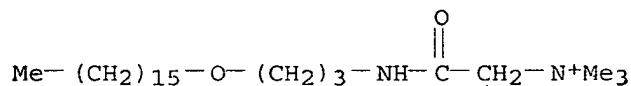
L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Ethanaminium, 2-[[3-(docosyloxy)propyl]amino]-N,N,N-trimethyl-2-oxo-,
chloride (9CI)
MF C30 H63 N2 O2 . Cl



• Cl⁻

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

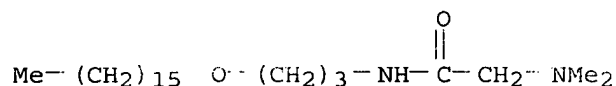
L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Ethanaminium, 2-[[3-(hexadecyloxy)propyl]amino]-N,N,N-trimethyl-2-oxo-,
chloride (9CI)
MF C24 H51 N2 O2 . Cl



• Cl⁻

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Acetamide, 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]- (9CI)
MF C23 H48 N2 O2
CI COM

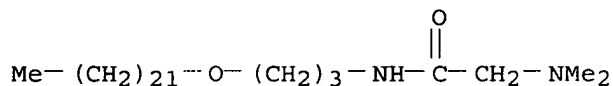


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

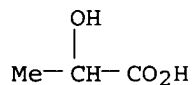
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(docosyloxy)propyl]acetamide (1:1) (9CI)
MF C29 H60 N2 O2 . C3 H6 O3

CM 1



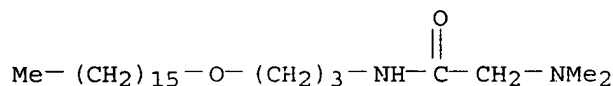
CM 2



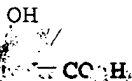
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]acetamide (1:1) (9CI)
MF C23 H48 N2 O2 . C3 H6 O3

CM 1



CM 2



ALL ANSWERS HAVE BEEN SCANNED

=> 1

1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.84

156.05

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 13 Jul 2004 VOL 141 ISS 3
FILE LAST UPDATED: 12 Jul 2004 (20040712/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

=> s l3

L4 2 L3

=> d 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:826817 CAPLUS
DN 139:327941
TI Hair conditioners containing amines, acids, alcohols, and oils
IN Kawara, Takeshi; Inoe, Katsuhisa; Kato, Toru
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP	JP 2003-300837	A2	20031021	JP 2002-10573	20020408
JP	JP 2002-103673		20020405		
US	MARPAT 139:327941				

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:693157 CAPLUS
DN 137:237386
TI Hair cosmetics containing aminocarboxylic amides
IN Inoue, Katsuhisa; Kaharu, Takeshi; Katoh, Tohru
PA Kao Corporation, Japan
SO Eur. Pat. Appl., 36 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1238966	A2	20020911	EP 2002-4373	20020305
	EP 1238966	A3	20030108		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002332219	A2	20021122	JP 2001-368155	20011203
	JP 2003171358	A2	20030620	JP 2001-368156	20011203
	JP 2003171355	A2	20030620	JP 2001-374556	20011207
	US 2003035784	A1	20030220	US 2002-86873	20020304

CN 1374076 A 20021016 CN 2002-106666 20020305
 PRAI JP 2001-60559 A 20010305
 JP 2001-368155 A 20011203
 JP 2001-368156 A 20011203
 JP 2001-374556 A 20011207
 OS MARPAT 137:237386

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.14

159.19

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:16:00 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 15:21:32 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:32 ON 13 JUL 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

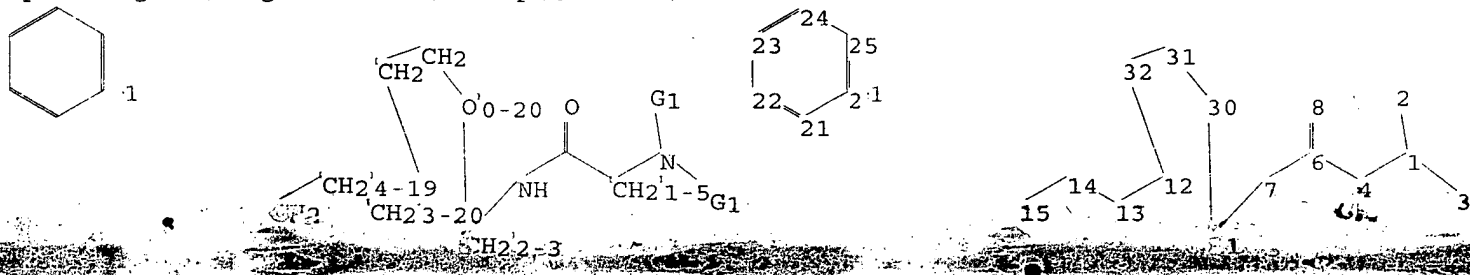
SESSION

FULL ESTIMATED COST

3.14

159.19

=>
Uploading C:\Program Files\Stnexp\Queries\10086873h.str



chain nodes :

1 2 3 4 6 7 8 11 12 13 14 15 30 31 32

ring nodes :

21 22 23 24 25 26

chain bonds :

1-2 1-3 1-4 4-6 6-7 6-8 7-11 11-30 12-13 12-32 13-14 14-15 30-31 31-32

ring bonds :

21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

1-2 1-3 6-7 6-8

exact bonds :

1-4 4-6 7-11 11-30 12-13 12-32 13-14 14-15 30-31 31-32

normalized bonds :

21-22 21-26 22-23 23-24 24-25 25-26

G1:CH3,Et,n-Pr,i-Pr,[*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 11:CLASS 12:CLASS 13:CLASS
 14:CLASS 15:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 30:CLASS 31:CLASS
 32:CLASS

L5 STRUCTURE UPLOADED

=> s 15

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

STRUCTURE TOO LARGE - SEARCH ENDED

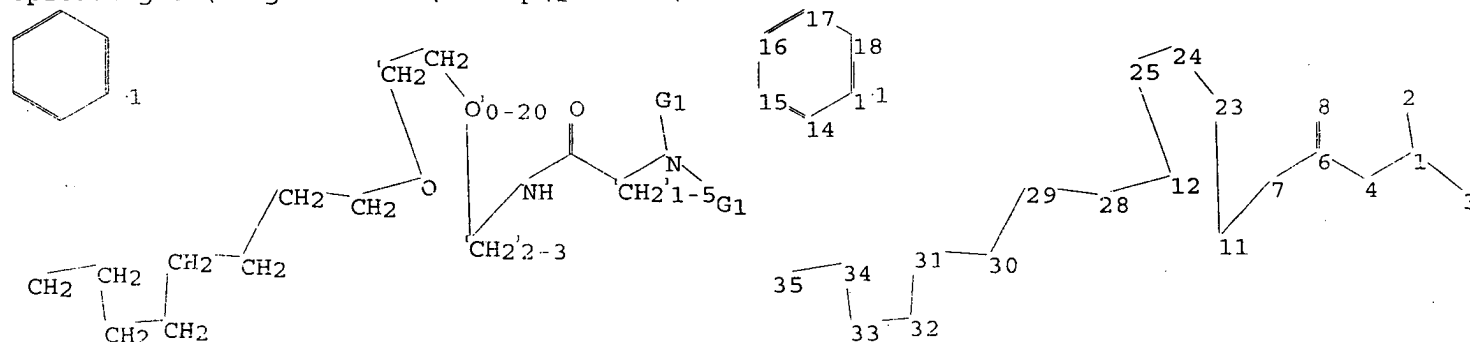
COMMAND STACK INTERRUPTED. ENTER "DISPLAY HISTORY"
TO SEE WHICH COMMANDS WERE EXECUTED.

A structure in your query is too large. You may delete
attributes or atoms to reduce the size of the structure
and try again.

=>

=>

Uploading C:\Program Files\Stnexp\Queries\10086873i.str



chain nodes :

1 2 3 4 6 7 8 11 12 23 24 25 28 29 30 31 32 33 34 35

no nodes

chain bonds :

1-2 1-3 1-4 4-6 6-7 6-8 7-11 11-23 12-25 12-28 23-24 24-25 28-29 29-30 30-31
31-32 32-33 33-34 34-35

ring bonds :

14-15 14-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-2 1-3 6-7 6-8

exact bonds :

1-4 4-6 7-11 11-23 12-25 12-28 23-24 24-25 28-29 29-30 30-31 31-32 32-33 33-34
34-35

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

G1:CH3,Et,n-Pr,i-Pr,[*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 11:CLASS 12:CLASS 14:Atom
15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 23:CLASS 24:CLASS 25:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS

L6 STRUCTURE UPLOADED

=> s 16

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 15:24:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17965 TO ITERATE

5.6% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 351280 TO 367320
PROJECTED ANSWERS: 105 TO 613

L7 1 SEA SSS SAM L6

L8 1 L7

=> d

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:693157 CAPLUS

DN 137:237386

TI Hair cosmetics containing aminocarboxylic amides

IN Inoue, Katsuhisa; Kaharu, Takeshi; Katoh, Tohru

PA Kao Corporation, Japan

SO Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1238966	A2	20020911	EP 2002-4373	20020305
JP 1238966	A3	20030108		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2002332219	A2	20021122	JP 2001-368155	20011203
JP 2003171358	A2	20030620	JP 2001-368156	20011203
JP 2003171355	A2	20030620	JP 2001-374556	20011207
US 2003035784	A1	20030220	US 2002-86873	20020304
CN 1374076	A	20021016	CN 2002-106666	20020305
PRAI JP 2001-60559	A	20010305		
JP 2001-368155	A	20011203		
JP 2001-368156	A	20011203		
JP 2001-374556	A	20011207		
OS MARPAT 137:237386				

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.57

163.90

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

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STRUCTURE FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7
DICTIONARY FILE UPDATES: 11 JUL 2004 HIGHEST RN 708207-86-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3
L5 STRUCTURE UPLOADED
S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004
L6 STRUCTURE UPLOADED
S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

=> a l7

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 457066-03-4 REGISTRY

CN Propanoic acid, 2-hydroxy-, compd. with 2-(dimethylamino)-N-[3-(hexadecyloxy)propyl]acetamide (1:1) (9CI) (CA INDEX NAME)

MF C23 H48 N2 O2 . C3 H6 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

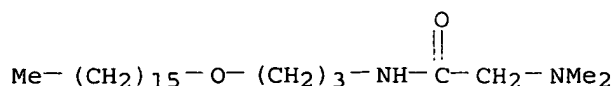
DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

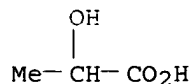
CRN 457065-92-6

CMF C23 H48 N2 O2



CM 2

CRN 50-21-5
CMF C3 H6 O3



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil his

'HIS' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3
L5 STRUCTURE UPLOADED
S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004

L6 STRUCTURE UPLOADED
S L6

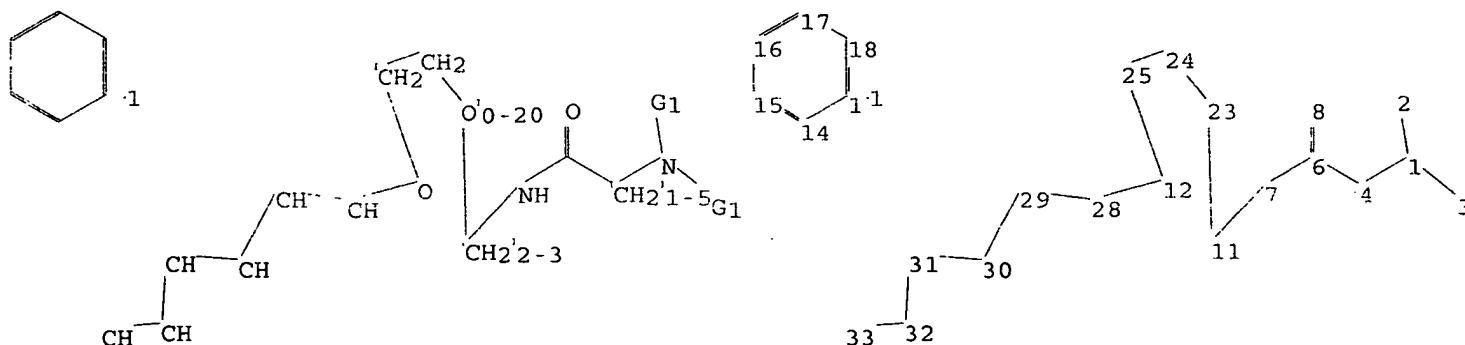
FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

=>
Uploading C:\Program Files\Stnexp\Queries\10086873j.str



chain nodes :

1 2 3 4 6 7 8 11 12 23 24 25 28 29 30 31 32 33

ring nodes :

14 15 16 17 18 19

chain bonds :

1-2 1-3 1-4 4-6 6-7 6-8 7-11 11-23 12-25 12-28 23-24 24-25 28-29 29-30 30-31
31-32 32-33

ring bonds :

14-15 14-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-2 1-3 6-7 6-8 12-28

exact bonds :

1-4 4-6 7-11 11-23 12-25 23-24 24-25 28-29 29-30 30-31 31-32 32-33

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

G1:CH3,Et,n-Pr,i-Pr,[*1]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 11:CLASS 12:CLASS 14:Atom
15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 23:CLASS 24:CLASS 25:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS 32:CLASS 33:CLASS

CTURE UPLOADED

=> s 19

SAMPLE SEARCH INITIATED 15:26:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 25123 TO ITERATE

4.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 492985 TO 511935
PROJECTED ANSWERS: 0 TO 0

L10 0.0 SEA SSS SAM L9

=> s 19 full

FULL SEARCH INITIATED 15:26:52 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 501013 TO ITERATE

79.8% PROCESSED 400000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.10

10 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 501013 TO 501013
PROJECTED ANSWERS: 10 TO 22

L11 10 SEA SSS FUL L9

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3
L5 STRUCTURE UPLOADED
S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004
L6 STRUCTURE UPLOADED
S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004
L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004
L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004
L9 STRUCTURE UPLOADED
L10 0 S L9
L11 10 S L9 FULL

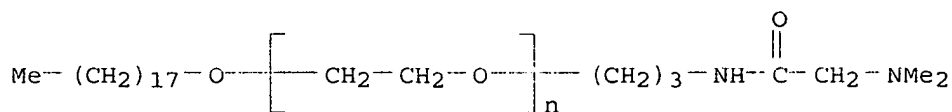
=> s l11 not l3

L12 2 L11 NOT L3

=> d 102

2 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
The answer numbers requested are not in the answer set.
ENTER ANSWER NUMBER OR RANGE (1):1-2

130113 ANSWER 1 REGISTRY COPYRIGHT 2004 ACS on STN
IN 45065-86-0 REGISTRY
CN Poly(oxy-1,2-ethanediyl), α -[3-[[[(dimethylamino)acetyl]amino]propyl]-
 ω -(octadecyloxy)-(9CI) (CA INDEX NAME)
MF (C2 H4 O)_n C25 H52 N2 O2
CI PMS
PCT Polyether
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)

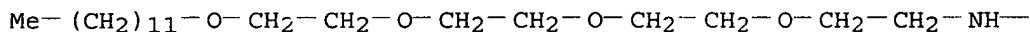


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

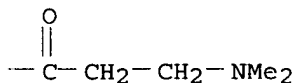
L12 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 182421-14-3 REGISTRY
 CN Propanamide, 3-(dimethylamino)-N-3,6,9,12-tetraoxatetracos-1-yl- (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C25 H52 N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
 (Uses)

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil medline caplus biosis
 COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	162.83	326.73

FILE 'MEDLINE' ENTERED AT 15:27:52 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:27:52 ON 13 JUL 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004
 COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
 L2 0 S L1
 L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3
 L5 STRUCTURE UPLOADED
 S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

L6 FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004
 STRUCTURE UPLOADED
 S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

L9 STRUCTURE UPLOADED

L10 0 S L9

L11 10 S L9 FULL

L12 2 S L11 NOT L3

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004

=> s l12

L13 3 L12

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3

L5 STRUCTURE UPLOADED

S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004

L6 STRUCTURE UPLOADED

S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

L9 STRUCTURE UPLOADED

L10 0 S L9

L11 10 S L9 FULL

L12 2 S L11 NOT L3

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004

L13 3 S L12

=> s l13 not l4

L14 2 L13 NOT L4

=> d 1-2

L14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:701981 CAPLUS

DN 126:11540

TI Use of amidoamines in ophthalmic compositions

IN Dassanayake, Nissanke L.; Schlitzer, Ronald L.; Park, Joonsup

PA Alcon Laboratories, Inc., USA

SO U.S., 9 pp., Cont.-in-part of U.S. Ser. No. 381, 889.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5573726	A	19961112	US 1995-395017	19950227

US 5393491	A	19950228	US 1993-125629	19930922
US 5631005	A	19970520	US 1995-381889	19950224
CA 2187034	AA	19960906	CA 1996-2187034	19960226
CA 2187034	C	20010220		
WO 9626747	A2	19960906	WO 1996-US2588	19960226
WO 9626747	A3	19961010		
W: AU, BR, CA, FI, JP, KR, MX, NZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9652990	A1	19960918	AU 1996-52990	19960226
AU 701069	B2	19990121		
EP 757560	A1	19970212	EP 1996-909529	19960226
EP 757560	B1	19991222		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
BR 9605815	A	19971014	BR 1996-5815	19960226
JP 09512471	T2	19971216	JP 1996-526366	19960226
JP 3200440	B2	20010820		
AT 187891	E	20000115	AT 1996-909529	19960226
ES 2143757	T3	20000516	ES 1996-909529	19960226
FI 9604287	A	19961024	FI 1996-4287	19961024
HK 1011622	A1	20000804	HK 1998-112877	19981207
PRAI US 1993-125629	A2	19930922		
US 1995-381889	A2	19950224		
WO 1994-US10695	W	19940921		
US 1995-395017	A	19950227		
WO 1996-US2588	W	19960226		
OS	MARPAT 126:11540			

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:641362 CAPLUS

DN 125:275914

TI Preparation of antibiotic and antifungal amidoamines for use in contact lens cleaning solutions

IN Dassanayake, Nissanke L.; Schlitzer, Ronald L.; Park, Joonsup

PA Alcon Laboratories, Inc., USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9626747	A2	19960906	WO 1996-US2588	19960226
	WO 9626747	A3	19961010		
W: AU, BR, CA, FI, JP, KR, MX, NZ					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
	US 5573726	A	19951112	US 1995-395017	19950227
	AU 9652990	A1	19960918	AU 1996-52990	19960226
	AU 701069	B2	19990121		
	EP 757560	A1	19970212	EP 1996-909529	19960226
	EP 757560	B1	19991222		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
	BR 9605815	A	19971014	BR 1996-5815	19960226
	JP 09512471	T2	19971216	JP 1996-526366	19960226
	JP 3200440	B2	20010820		
	AT 187891	E	20000115	AT 1996-909529	19960226
	FI 9604287	A	19961024	FI 1996-4287	19961024
	HK 1011622	A1	20000804	HK 1998-112877	19981207
PRAI	US 1995-395017	A	19950227		
	US 1993-125629	A2	19930922		
	US 1995-381889	A2	19950224		
	WO 1996-US2588	W	19960226		
OS	MARPAT 125:275914				

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.32

331.05

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:28:48 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'MEDLINE, CAPLUS, BIOSIS' AT 16:28:03 ON 13 JUL 2004
FILE 'MEDLINE' ENTERED AT 16:28:03 ON 13 JUL 2004
FILE 'CAPLUS' ENTERED AT 16:28:03 ON 13 JUL 2004
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'BIOSIS' ENTERED AT 16:28:03 ON 13 JUL 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.32	331.05

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3
L5 STRUCTURE UPLOADED
S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004

L6 STRUCTURE UPLOADED
S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

L9 STRUCTURE UPLOADED
L10 0 S L9
L11 10 S L9 FULL
L12 2 S L11 NOT L3

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004

L13 3 S L12
L14 2 S L13 NOT L4

=> s hair (p) ?microbial

L15 528 HAIR (P) ?MICROBIAL

=> s l15 and py<2001

L16 374 L15 AND PY<2001

=> s hair (w) cosmetic (p) ?microbial

L17 3 HAIR (W) COSMETIC (P) ?MICROBIAL

=> d 1-3

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:142396 CAPLUS
 DN 130:242143
 TI Amphoteric chitosan derivatives and cosmetics containing them
 IN Seki, Taizo
 PA NOEVIR Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11060606	A2	19990302	JP 1997-227406	19970807
PRAI	JP 1997-227406		19970807		
OS	MARPAT 130:242143				

L17 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:142395 CAPLUS
 DN 130:242142
 TI Amphoteric chitosan derivatives and cosmetics containing them
 IN Seki, Taizo
 PA NOEVIR Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11060605	A2	19990302	JP 1997-227405	19970807
PRAI	JP 1997-227405		19970807		
OS	MARPAT 130:242142				

L17 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:195108 CAPLUS
 DN 126:190731
 TI Water-based antimicrobial compositions containing hinokitiol
 IN Yano, Hiroyuki; Asai, Mitsuyo; Kato, Kumiko
 PA Hoya Kk, Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09012423	A2	19970114	JP 1995-181001	19950623
	JP 3507202	B2	20040315		
PRAI	JP 1995-181001		19950623		

=> d 1-3 kwic

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 ST amphoteric chitosan prepn cosmetic; antimicrobial amphoteric
 chitosan hair cosmetic; skin moisturizer amphoteric
 chitosan prepn; hydrophobic hydrophilic reducing sugar chitosan cosmetic

L17 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 ST amphoteric chitosan prepn cosmetic; antimicrobial amphoteric
 chitosan hair cosmetic; skin moisturizer amphoteric
 chitosan prepn; hydrophobic hydrophilic reducing sugar chitosan cosmetic

L17 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 ST antimicrobial hinokitiol urea skin hair
 cosmetic; antidandruff hair antimicrobial hinokitiol
 urea

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.79

348.52

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 16:31:00 ON 13 JUL 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'MEDLINE, CAPLUS, BIOSIS' AT 16:36:17 ON 13 JUL 2004

FILE 'MEDLINE' ENTERED AT 16:36:17 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 16:36:17 ON 13 JUL 2004

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FILE 'BIOSIS' ENTERED AT 16:36:17 ON 13 JUL 2004

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.79

348.52

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3

L5 STRUCTURE UPLOADED

S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004

L6 STRUCTURE UPLOADED

S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

L9 STRUCTURE UPLOADED

L10 0 S L9

L11 10 S L9 FULL

L12 2 S L11 NOT L3

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004

L13 3 S L12

L14 2 S L13 NOT L4

L15 528 S HAIR (P) ?MICROBIAL

L16 374 S L15 AND PY<2001

L17 3 S HAIR (W) COSMETIC (P) ?MICROBIAL

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> d 117

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:142396 CAPLUS
DN 130:242143
TI Amphoteric chitosan derivatives and cosmetics containing them
IN Seki, Taizo
PA NOEVIR Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11060606	A2	19990302	JP 1997-227406	19970807
PRAI	JP 1997-227406		19970807		
OS	MARPAT 130:242143				

=> FIL MARPAT

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	23.36	350.09

FILE 'MARPAT' ENTERED AT 16:37:05 ON 13 JUL 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE CONTENT: 1988-PRESENT (VOL 141 ISS 02) (20040709/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6740668 25 MAY 2004
DE 10351214 08 APR 2004
EP 1422285 26 MAY 2004
JP 2004140515 27 MAY 2004
JP 2004043951 27 MAY 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D ACC 130:242143 ALL

THE ESTIMATED COST FOR THIS REQUEST IS 4.42 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

ANSWER 1 MARPAT COPYRIGHT 2004 ACS on STN
AN 130:242143 MARPAT
TI Amphoteric chitosan derivatives and cosmetics containing them
IN Seki, Taizo
PA NOEVIR Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C08B037-08

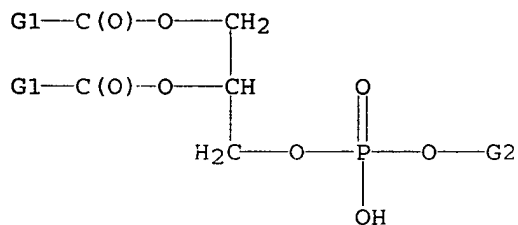
CC 62-3 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11060606	A2	19990302	JP 1997-227406	19970807
PRAI	JP 1997-227406		19970807		
AB	Cosmetics contain amphoteric chitosan derivs. having (lyso)phosphatidyl group-containing reducing sugars R1CO2CH2CH(OCOR2)CH2OP(O)(OH)OX (R1, R2 = H, C≥1 linear or branched alkyl, alkenyl; X = reducing sugar residue; R1 = R2 ≠ H) linked to the amino groups. Chitosan was reacted with D-arabinose lysophosphatidylcholine derivative to give an amphoteric chitosan derivative. A skin lotion containing the derivative showed good storage stability and antimicrobial and skin-moisturizing effects.				
ST	amphoteric chitosan prepn cosmetic; antimicrobial amphoteric chitosan hair cosmetic; skin moisturizer amphoteric chitosan prepn; hydrophobic hydrophilic reducing sugar chitosan cosmetic				
IT	Carbohydrates, reactions RL: RCT (Reactant); RACT (Reactant or reagent) (amino sugars; preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)				
IT	Lysophosphatides RL: RCT (Reactant); RACT (Reactant or reagent) (lysophosphatidylglycerols; preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)				
IT	Cosmetics (moisturizers; preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)				
IT	Antibacterial agents Emulsifying agents Fungicides Hair preparations Shampoos (preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)				
IT	Lysophosphatidylcholines Lysophosphatidylethanolamines Lysophosphatidylinositols Phosphatidylcholines, reactions Phosphatidylethanolamines, reactions Phosphatidylglycerols Phosphatidylinositols Phosphatidylserines RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)				
IT	Carbohydrates, reactions RL: RCT (Reactant); RACT (Reactant or reagent) (reducing sugars; preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)				
IT	50-99-7DP, D-Glucose, reaction products with (lyso)phospholipids and chitosan, biological studies 57-48-7DP, D-Fructose, reaction products with (lyso)phospholipids and chitosan, biological studies 59-23-4DP, D-Galactose, reaction products with (lyso)phospholipids and chitosan, biological studies 63-42-3DP, Lactose, reaction products with (lyso)phospholipids and chitosan 69-79-4DP, Maltose, reaction products with (lyso)phospholipids and chitosan 528-50-7DP, Cellobiose, reaction products with (lyso)phospholipids and chitosan 1109-28-0DP, Maltotriose, reaction products with (lyso)phospholipids and chitosan 1114-41-6DP, Muramic acid, reaction products with (lyso)phospholipids and chitosan 3019-74-7DP, D-Sedoheptulose, reaction products with (lyso)phospholipids and chitosan 3416-24-8DP, D-Glucosamine, reaction products with (lyso)phospholipids and chitosan 9012-76-4DP, Chitosan, reaction products with (lyso)phosphatidyl group-containing reducing sugars 10323-20-3DP, D-Arabinose, reaction products with (lyso)phospholipids and chitosan 13000-25-4DP, Lactosamine, reaction products with (lyso)phospholipids and chitosan RL: BAC (Biological activity or effector, except adverse); BPN				

(Biosynthetic preparation); BSU (Biological study, unclassified); BUU (Biological use, unclassified); MOA (Modifier or additive use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amphoteric chitosan derivative emulsifiers for storage-stable, antimicrobial, and moisturizing cosmetics)

MSTR 1



G1 = alkyl<(1-)> / alkenyl<(2-)> / (-1) H
G2 = R<TX "reducing sugar residue">
MPL: claim 1

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.26	355.35
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.66	-0.66

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PASSWORD:;

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	ENTRY	SESSION
FULL ESTIMATED COST	5.26	355.35
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.66	-0.66

=> d his

(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004
 L1 STRUCTURE UPLOADED
 L2 0 S L1
 L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004
 L4 2 S L3
 L5 STRUCTURE UPLOADED
 S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004
 L6 STRUCTURE UPLOADED
 S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004
 L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004
 L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004
 L9 STRUCTURE UPLOADED
 L10 0 S L9
 L11 10 S L9 FULL
 L12 2 S L11 NOT L3

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004
 L13 3 S L12
 L14 2 S L13 NOT L4
 L15 528 S HAIR (P) ?MICROBIAL
 L16 374 S L15 AND PY<2001
 L17 3 S HAIR (W) COSMETIC (P) ?MICROBIAL
 SET NOTICE LOGIN DISPLAY

FILE 'MARPAT' ENTERED AT 16:37:05 ON 13 JUL 2004
 SET NOTICE DISPLAY 1
 SET NOTICE LOGIN DISPLAY

=> s hair (5w) cosmetic (p) ?microbial
 LEFT TRUNCATION IGNORED FOR '?MICROBIAL' FOR FILE 'MARPAT'

0 HAIR
 2 COSMETIC
 0 MICROBIAL
 0 HAIR (5W) COSMETIC (P) ?MICROBIAL

Truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.87	360.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.66	-0.66

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FILE COVERS 1907 - 13 Jul 2004 VOL 141 ISS 3
FILE LAST UPDATED: 12 Jul 2004 (20040712/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

FILE 'REGISTRY' ENTERED AT 15:13:44 ON 13 JUL 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3
L5 STRUCTURE UPLOADED
S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004

L6 STRUCTURE UPLOADED
S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

L9 STRUCTURE UPLOADED
L10 0 S L9
L11 10 S L9 FULL
L12 2 S L11 NOT L2

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004

L13 3 S L12
L14 2 S L13 NOT L4
L15 528 S HAIR (P) ?MICROBIAL
L16 374 S L15 AND PY<2001
L17 3 S HAIR (W) COSMETIC (P) ?MICROBIAL
SET NOTICE LOGIN DISPLAY

FILE 'MARPAT' ENTERED AT 16:37:05 ON 13 JUL 2004

SET NOTICE DISPLAY 1
SET NOTICE LOGIN DISPLAY
L18 0 S HAIR (5W) COSMETIC (P) ?MICROBIAL

FILE 'CAPLUS' ENTERED AT 16:39:49 ON 13 JUL 2004

=> s hair (5w) cosmetic (p) ?microbial
51249 HAIR
46558 COSMETIC
336812 ?MICROBIAL

L19 10 HAIR (5W) COSMETIC (P) ?MICROBIAL

=> s l19 not l17

L20 7 L19 NOT L17

=> d 1

L20 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:656628 CAPLUS

DN 139:185328

TI Cosmetic formulations that contain antimicrobial polymers

IN Ottersbach, Peter; Inhester, Martina

PA Creavis Gesellschaft Fuer Technologie Und Innovation m.b.H., Germany

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003068316	A1	20030821	WO 2002-EP13705	20021204
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

DE 10205924 A1 20030821 DE 2002-10205924 20020212

PRAI DE 2002-10205924 A 20020212

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L20 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:389933 CAPLUS

DN 138:373865

TI Cosmetic bases containing finely powdered zinc-containing lava

IN Takei, Fumio

Fu iyama K. K. Japan

Shin-Kohai Tokai Koho, 4 pp.

CODEN: JKXXAP

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003146825	A2	20030521	JP 2001-269599	20010905
PRAI	JP 2001-259138	A	20010829		

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(FILE 'HOME' ENTERED AT 15:13:39 ON 13 JUL 2004)

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L1 STRUCTURE UPLOADED

L2 0 S L1

L3 8 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:14:57 ON 13 JUL 2004

L4 2 S L3

L5 STRUCTURE UPLOADED

S L5

FILE 'REGISTRY' ENTERED AT 15:21:58 ON 13 JUL 2004

FILE 'CAPLUS' ENTERED AT 15:21:59 ON 13 JUL 2004

L6 STRUCTURE UPLOADED
S L6

FILE 'REGISTRY' ENTERED AT 15:24:16 ON 13 JUL 2004

L7 1 S L6

FILE 'CAPLUS' ENTERED AT 15:24:19 ON 13 JUL 2004

L8 1 S L7

FILE 'REGISTRY' ENTERED AT 15:24:28 ON 13 JUL 2004

L9 STRUCTURE UPLOADED

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L11 10 S L9 FULL

L12 2 S L11 NOT L3

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:27:52 ON 13 JUL 2004

L13 3 S L12

L14 2 S L13 NOT L4

L15 528 S HAIR (P) ?MICROBIAL

L16 374 S L15 AND PY<2001

L17 3 S HAIR (W) COSMETIC (P) ?MICROBIAL

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L18 0 S HAIR (5W) COSMETIC (P) ?MICROBIAL

FILE 'CAPLUS' ENTERED AT 16:39:49 ON 13 JUL 2004

L19 10 S HAIR (5W) COSMETIC (P) ?MICROBIAL

L20 7 S L19 NOT L17

=> s l20 and py<2001

20616222 PY<2001

L21 4 L20 AND PY<2001

=> d 104

4 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE

The answer numbers requested are not in the answer set.

ENTER ANSWER NUMBER OR RANGE (1):1-4

1 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

LN 9.17:473665 CAPLUS

DN 127:99545

TI Cosmetic compositions containing antimicrobial vertebrate proteins and peptides

IN Hoppe, Udo; Wolf, Florian; Christophers, Enno; Schroeder, Jens-M.

PA Beiersdorf A.-G., Germany

SO Ger. Offen., 14 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19629119	A1	19970619	DE 1996-19629119	19960719 <--
	WO 9722624	A2	19970626	WO 1996-EP5405	19961204 <--
	WO 9722624	A3	19970828		
	W:	JP, US			
	RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	EP 866804	A2	19980930	EP 1996-942336	19961204 <--
	EP 866804	B1	20010919		
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	JP 2000504312	T2	20000411	JP 1997-522462	19961204 <--
	AT 205855	E	20011015	AT 1996-942336	19961204
	ES 2162125	T3	20011216	ES 1996-942336	19961204

US 6255279 B1 20010703 US 1999-91055 19990315
 PRAI DE 1995-19547162 A1 19951216
 DE 1996-19629119 A 19960719
 WO 1996-EP5405 W 19961204

L21 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:203967 CAPLUS
 DN 126:203567
 TI Antimicrobial brushes for cosmetic use
 IN Nakamura, Kenji
 PA Nakamura Kenji, Japan
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09023925	A2	19970128	JP 1995-199300	19950713 <--
PRAI	JP 1995-199300		19950713		

L21 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1996:321114 CAPLUS
 DN 124:352335
 TI Cosmetic, preservative or antimicrobial compositions containing artocarpin and/or sophoraflavanone G
 IN Kojima, Hiroyuki; Chikamatsu, Yoshihiro; Ando, Hiroshi; Kondo, Mitsuko; Naito, Takehito
 PA Ichimaru Pharcos Inc, Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08073372	A2	19960319	JP 1994-232266	19940831 <--
	JP 3385293	B2	20030310		
	JP 2003095852	A2	20030403	JP 2002-207838	19940831
PRAI	JP 1994-232266	A3	19940831		

L21 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1972:49808 CAPLUS
 DN 76:49808
 TI Cosmetic and toilet preparations
 AU Simonite D.
 Smith and General Res. Ltd. Lough, Essex, UK
 SO Reports on the Progress of Applied Chemistry (1971), Volume Date
 1970, 55, 623-35
 CODEN: RPACAS; ISSN: 0370-6648
 DT Journal; General Review
 LA English

=> log h		
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CA SUBSCRIBER PRICE	0.00	-0.66

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.66

=> d 4

L21 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1972:49808 CAPLUS
DN 76:49808
TI Cosmetic and toilet preparations
AU Simmonite, D.
CS Smith and Nephew Res. Ltd., Harlow/Essex, UK
SO Reports on the Progress of Applied Chemistry (1971), Volume Date
1970, 55, 623-35
CODEN: RPACAS; ISSN: 0370-6648
DT Journal; General Review
LA English

=> d 4 abs bib

L21 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AB A review of research on skin, hair, and teeth including
cosmetic anal., microbial contamination, preservatives,
olfaction and taste, and toxicology, published since 1968. 168 refs.
AN 1972:49808 CAPLUS
DN 76:49808
TI Cosmetic and toilet preparations
AU Simmonite, D.
CS Smith and Nephew Res. Ltd., Harlow/Essex, UK
Reports on the Progress of Applied Chemistry (1971), Volume Date
1970, 55, 623-35
CODEN: RPACAS; ISSN: 0370-6648
DT Journal; General Review
LA English

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